



TIME CRITICAL DIAGNOSIS
Missouri Department of Health and Senior Services

SUBJECT: Adult Trauma Patient Classification Guidelines	Chapter: 2. Trauma
	Item: 2.1.b
REFERENCE: 190.185, 190.200, 190.243 (RSMo)	Page 1 of 2
	Date issued: 5/4/10 Draft

DISTRIBUTION: All Emergency Medical Services and Designated Trauma Center Personnel

PURPOSE: To distinguish adult trauma patients by the severity of symptoms in order to guide the transport to the appropriate designated trauma center.

Emergent Group

Immediate life threat

Trauma I (RED): Treatment Window-Within 30 to 60 minutes of first medical contact to appropriate trauma center.

- Glasgow Coma Scale < 14 at time of report
- Systolic Blood Pressure: <90 at any time and/or clinical signs of shock
- Respiratory rate: < 10 or > 29
- Heart Rate: >120, and/or clinical signs of shock
- All penetrating injuries to head, neck, torso, boxer short and T-shirt coverage areas
- Airway compromise or obstruction, flail chest, hemo- or pneumothorax, patients intubated on scene
- Two or more proximal long-bone fractures
- *Extremity trauma with loss of distal pulses*
- Amputation proximal to wrist and ankle
- Pelvic fractures
- Open or depressed skull fractures
- Paralysis or signs of spinal cord or cranial nerve injury
- Active or uncontrolled hemorrhage
- *BURNS: 2nd/3rd degree burns >20% BSA (> 10% BSA in over 50) or any signs of inhalation injury*

Trauma II (YELLOW): Treatment Window- Within 60 minutes of first medical contact to appropriate trauma center

- Falls > or = 20 ft (one story = 10 ft.)
- High-risk auto crash
 - Intrusion: > 12 in occupant site; > 18 inches in any site
 - Ejection (partial or complete) from automobile or rollover
 - Death in same passenger compartment
 - Vehicle telemetry data consistent with high risk of injury or highway speed
- High-risk Pedestrian, Cycle, ATV Crash
 - Auto v. Pedestrian/bicyclist thrown, run over, or with significant (> or = 20 mph) impact
 - Motorcycle or ATV crash > or = 20 mph with separation of rider or with roll-over
- *Crush, degloved, or mangled extremity*
- *All open fractures*

- One proximal long bone fracture
- Penetrating injuries distal to T-shirt and boxer area to wrist and to ankle
- Assault with prolonged Loss of Consciousness
- Pregnancy with acute abdominal pain and traumatic event
- *Non-major burns with associated trauma*

Trauma III (GREEN): Treatment Window- Within 60 to 120 minutes of first medical contact to appropriate trauma center

- Age: OLDER ADULTS: > age 55
- Falls: 5-20 Feet
- Burns
 - *Isolated 2nd/3rd degree burns, 10-20% BSA ages 10 to 50: Triage to burn facility (will follow burn protocol)*
- Lower-risk Crash
 - MVC < 40 MPH or UNK speed,
 - Auto v. Pedestrian/bicyclist with <20 mph impact
 - Motorcycle or ATV crash < 20 mph with separation of rider or rollover
- *Amputation distal to wrist or ankle of two or more digits*
- Medical Co-Morbidity
 - Anticoagulation and bleeding disorder
 - End-stage renal disease requiring dialysis
 - All pregnant patients involved in traumatic event
- Penetrating injury distal to wrist or ankle
- Assault without Loss of Consciousness
- Suspected child or elder abuse
- Near drowning/ Near hanging
- EMS provider judgment